

What is claimed is:

1. A liquid crystal display comprising:

a first substrate having a shade film formed in contact with an outer edge portion of a display region;

5 a second substrate having a display electrode for displaying on a picture plane, an electrode leading wire having a shading characteristic and lead from said display electrode to outside of said display region, and a shade film formed on the outside of said display region; and

10 a seal resin of ultraviolet ray hardening type to adhere said first substrate and the second substrate oppositely to each other and for sealing a liquid crystal held between the first substrate and the second substrate;

wherein the shade film formed on the first substrate and  
15 the shade film formed on the second substrate are formed to be continuous between the first substrate and the second substrate oppositely arranged, the shade film is formed either on the first substrate or on the second substrate in a portion where the seal resin is applied, and ultraviolet rays can  
20 transmit through the remaining substrate.

2. A liquid crystal display comprising:

a first substrate having a shade film formed in contact with an outer edge portion of a display region;

a second substrate having a display electrode for  
25 displaying on a picture plane, and a shade material such as

electrode leading wire lead from said display electrode to outside of said display region;

a seal resin of ultraviolet ray hardening type for adhering said first substrate and said second substrate  
5 oppositely to each other and for sealing a liquid crystal held between said first substrate and said second substrate; and

a plurality of slits formed on said shade film and on said shade material for transmitting ultraviolet rays to a seal resin applied portion;

10 wherein said slits are arranged alternately between said first substrate and said second substrate arranged oppositely.

3. The liquid crystal display according to claim 2,  
wherein the slits are formed so that ultraviolet ray transmitting portions are continuous between the first  
15 substrate and the second substrate in the seal resin applied portion.

4. The liquid crystal display according to claim 2,  
wherein the slits are formed so that ultraviolet ray transmitting portions are discontinuous between the first  
20 substrate and the second substrate in the seal resin applied portion.

5. The liquid crystal display according to any of claims 2 to 4, wherein the slits are formed into an optional secondary dimensional shape as occasion demands.

25 6. A manufacturing process of a liquid crystal display

comprising:

a step of hardening a seal resin of ultraviolet ray  
hardening type applied for adhering a first substrate and a  
second substrate by irradiating two surfaces of the overlapped  
5 first and second substrates with ultraviolet rays.

7. The manufacturing process of a liquid crystal display  
according to claim 6, wherein the irradiation of the overlapped  
first and second substrates with the ultraviolet rays is  
performed simultaneously from two sides.

10 8. The manufacturing process of a liquid crystal display  
according to claim 6, wherein the irradiation of the overlapped  
first and second substrates with the ultraviolet rays is  
performed alternately one side after another.

9. A manufacturing process of a liquid crystal display  
15 having a structure described in any of claims 1 to 5 comprising:

a step of irradiating only said seal resin applied  
portion with the ultraviolet rays to harden the seal resin  
applied for adhering the overlapped first and second substrates  
to each other.

20 10. The manufacturing process of a liquid crystal display  
according to claim 9, wherein the irradiation of the overlapped  
first and second substrates with the ultraviolet rays is  
performed through a shade plate having an ultraviolet ray  
transmitting region at the seal resin applied portion.

25 11. The manufacturing process of a liquid crystal display

according to claim 9, wherein the irradiation of the overlapped first and second substrates with the ultraviolet rays is performed by inducing the ultraviolet rays to the seal resin applied portion through a fiber, etc.

- 5           12. A manufacturing process of a liquid crystal display having a structure described in any of claims 1 to 5 comprising:

          a step of performing a heat treatment, after the irradiation with the ultraviolet rays using a process described in any of claims 6 to 11, using a seal resin of ultraviolet  
10 ray reaction inducing and thermosetting type as a seal resin for adhering the first substrate and the second substrate, instead of the seal resin of ultraviolet ray hardening type.